

# Vital Statistics of California 1999



California  
Department of  
Health Services

Diana M. Bontá, R.N., Dr. P.H., Director



HEALTH AND HUMAN SERVICES AGENCY  
Grantland Johnson, Secretary

STATE OF CALIFORNIA  
Gray Davis, Governor

# THE VITAL STATISTICS SYSTEM OF CALIFORNIA

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STATE REGISTRAR:      DIRECTOR OF CALIFORNIA'S DEPARTMENT OF HEALTH SERVICES

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CENTER FOR              The State Registrar's functions are performed by the Chief of the Center  
HEALTH STATISTICS:    for Health Statistics

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- ◆ Maintains a permanent public record of each birth, death, and fetal death that has occurred in California since 1905. Provides certified copies of California vital records and searches the permanent central registry to verify the occurrence of vital events in California.
  - ◆ Builds and continues cooperative relationships with federal, state, and local agencies including the National Center for Health Statistics, which collect, maintain, and use vital records/statistics.
  - ◆ Develops forms, standards, and guidelines for registration of all vital events occurring in the State of California.
  - ◆ Directs and monitors the state-delegated functions of approximately 180 local offices which register California's vital events in order to assure statewide compliance with the statutory mandate for uniform application of registration laws, policies, and procedures.
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## OFFICE OF HEALTH INFORMATION AND RESEARCH:

- ◆ Prepares and maintains computer files of state birth, death, and fetal death data and monitors these files for data quality.
  - ◆ Performs functions related to the analysis and dissemination of vital statistics.
  - ◆ Provides a wide variety of mainframe and PC data products from the state vital statistics files to public and private organizations and to individuals requesting the data for research. Offers consultation to the users of these data. The data are used in medical and social sciences, public health and health demographics, human services planning, population estimation and projection, and economic forecasting.
  - ◆ Prepares and periodically publishes reports and analyses of vital statistics and related data for use by the Department of Health Services, other agencies, and the public.
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# **VITAL STATISTICS OF CALIFORNIA 1999**

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# PREFACE

This report provides tabulations of vital statistics on births and deaths in California in 1999, as part of a historical series of similar annual reports. These data are compiled from information provided on birth, fetal death and death certificates filed with the Office of Vital Records in the California Department of Health Services.

Chapter 1 provides a comprehensive overview of all vital events in California, including trends, California/U.S. comparisons, county-specific rates, population tables, and life expectancy. Chapters 2 through 5 present data on natality, fetal mortality, infant mortality and total mortality, respectively. Each chapter includes a narrative overview of the data provided in more detail in the chapter tables. These narratives describe only a selection of the many variables available in the tables. Tables of contents at the beginning of each chapter describe variables displayed in each table. Table guides are available in Chapters 2 and 5 to assist in the location of birth and death information.

Chapter 6 provides discussion on technical aspects of the data, including sources and quality, historical changes in vital statistics registration, and appropriate uses and limitations of the data. Chapters 7 and 8 are appendices. Chapter 7 provides statistical definitions and formulas, as well as four trend tables providing causes of death coded under the International Classification of Diseases, Ninth Revision (ICD-Rev. 9) with age-adjusted death rates computed with the year 2000 standard million. Chapter 8 includes sample copies of birth and death certificate forms, coding information, and a publication order form.

The rates and population tables in this report are based on population reports and data files from the Department of Finance. Please refer to footnotes on each table for the source of population estimates and projections. These data are available on the Department of Finance website at: <http://www.dof.ca.gov>.

The data collected on the birth, death, and fetal death certificates in the item labeled "Race" include 16 groups: American Indian, Black, Cambodian, Chinese, Eskimo/Aleut, Filipino, Indian (India), Japanese, Korean, Laotian, Pacific Islander, Thai, Vietnamese, White, Other Asian, and Other Races. These data are provided on tables identified as "by Race".

In order to provide a race/ethnic grouping which parallels the population data from the Department of Finance, data reported on the certificates in the item labeled "Hispanic" are combined with "Race" data to provide the five race/ethnicity categories: American Indian, Asian/Pacific Islander, Black, Hispanic, and White/Other Races. Events for Hispanics are separated out first; the remaining categories are non-Hispanic categories. The intention of this methodology is to provide a single mutually exclusive list that combines two reporting categories: Hispanic (origin) and Race. These data are provided on tables identified as "by Race/Ethnicity" and have shading in the headings to facilitate the location of these data.

The major changes in this year's report are the conversion to ICD-Rev. 10 coding for causes of death and the adoption of the year 2000 standard million for computing age-adjusted death rates. It is important to understand that causes of death coded under ICD-Rev. 10 in this report may not be comparable to causes of death coded under ICD-Rev. 9 used in earlier reports. Similarly, age-adjusted rates computed using year 2000 standard million are not comparable to age-adjusted death rates computed using the 1940 standard million and published in earlier reports. For more detail, see Chapters 5, 6, and 7.

For the purpose of analyzing trends in causes of death, the prior series of causes of death coded under ICD-Rev. 9 with age-adjusted rates calculated using the year 2000 standard million are provided in Chapter 7.

In addition, the National Center for Health Statistics is providing comparability ratios. These ratios are based on the double-coding of 1996 national death data using ICD-Rev. 9 and ICD-Rev. 10. Information on comparability ratios is available on the internet at <http://www.cdc.gov/nchs/>, including the publication National Vital Statistics Reports: Comparability of Causes of Death Between ICD-9 and ICD-10:

Preliminary Estimates, Vol. 49, No. 2, May 18, 2001. Caution should be used in applying ratios developed using national data from 1996 to California deaths in 1999, particularly death data disaggregated by sex, age, race/ethnicity, county, and small death counts by cause.

Due to these major changes, several tables have been revised to avoid presenting ICD-Rev. 9 and ICD-Rev. 10 data on the same table. A few new tables have been added.

Table 1-8	Number, Percent Distribution and Percent Change in Deaths by Sex, Age and Hispanic Origin, California and United States, 1998-1999
Table 1-10	Deaths, Percent of Deaths, Death Rates, and Age-Adjusted Death Rates for Ten Leading Causes of Death, California and United States, 1999
Table 5-12	Leading Causes of Death by Race/Ethnicity and Sex, California, 1999
Table 5-13	Selected Detail from the Leading Causes of Death by Sex and Race/Ethnicity, California 1999
Table 5-14	Deaths, Death Rates, and Age-Adjusted Death Rates for 19 Major Causes of Death by Sex, California 1999
Table 5-15	Deaths, Death Rates, and Age-Adjusted Death Rates for 19 Major Causes of Death by Race/Ethnicity, California 1999
Table 5-17	Number and Percent of Leading Causes of Death for California Distributed by Race, California 1999

Chapter 4 – Infant Mortality has been expanded with the following new tables:

Table 4-1	Infant, Neonatal, Postneonatal Deaths and Mortality Rates by Sex, California, 1990-1999
Table 4-2	Infant, Neonatal, Postneonatal Deaths by Sex and Race/Ethnicity, California, 1990-1999
Table 4-3	Infant, Neonatal, Postneonatal Mortality Rates by Sex and Race/Ethnicity, California, 1990-1999
Table 4-5	Number and Percent of Infant Deaths and Infant Mortality Rates for Leading Causes of Death by Sex, California, 1999
Table 4-6	Number and Percent of Infant Deaths and Infant Mortality Rates for Leading Causes of Death by Race/Ethnicity, California, 1999
Table 4-12	Leading Causes of Infant Death Distributed by County, California, 1999

Finally Table 1-14 provides population data by age and sex for 1990-1999, and Table 5-5 provides the related age-specific death rates by sex for 1990-1999.

The 1999 birth and death data files became available in October and November 2000, respectively. Although this report was published in April 2002, the information and electronic products were available during the period of production.

## ACKNOWLEDGEMENTS

Assistance in the preparation of this report was provided by Janet Ciarcia, Sherry Fujii, Elisa Hinojosa, and Mich Tashiro of the Department of Health Services, Office of Health Information and Research. Appreciation is extended to the staff of the Department of Health Services, Office of Vital Records, who registered the vital event records that were used in this report, particularly Debbie Balsley, Marcella Lopez, Sandra Marcantelli, and D.J. Quinn, as well as Alan Oppenheim, Emily Lehman, and Jessica McCarroll of the Center for Health Statistics who maintain and support the Automated Vital Statistics System (AVSS).

Staff in the Department of Health Services, Information Technology Services Division, also contributed to this report through their work in preparing California's automated birth and death files, particularly Yolanda Apodaca, Connie Bancroft, Twleigh Lee, and Leora Ton. Appreciation is also extended to Mary Heim in the Demographic Research Unit of the Department of Finance who provided the population data, and to Paula Sahleen at Reprographics.

Inquiries regarding this report should be directed to the Vital Statistics Section, Department of Health Services, 304 S Street, 3rd Floor, Sacramento, CA 95814. If you wish to call, the telephone number for this Section is (916) 445-6355. The FAX number, (916) 324-5599, may also be used to submit an inquiry.

Most of the tables presented in this report are available in both Excel and Adobe Acrobat formats on our website. The Center for Health Statistics Home Page is:

<http://www.dhs.ca.gov/hisp/chs/chsindex.htm>.



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## POPULATION

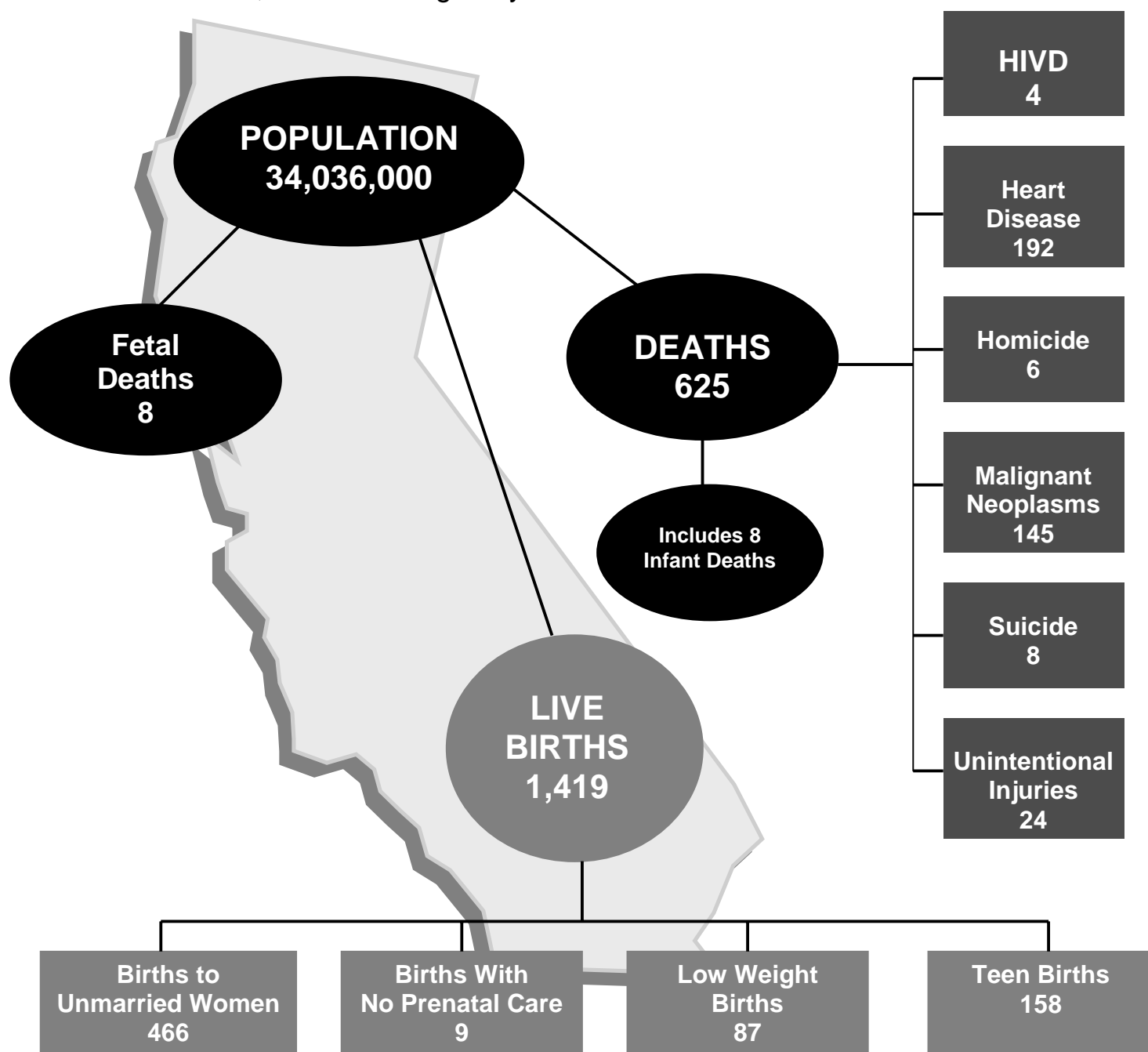
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**Figure 1**  
**1999 Vital Events in California**

There were, on the average day in California:



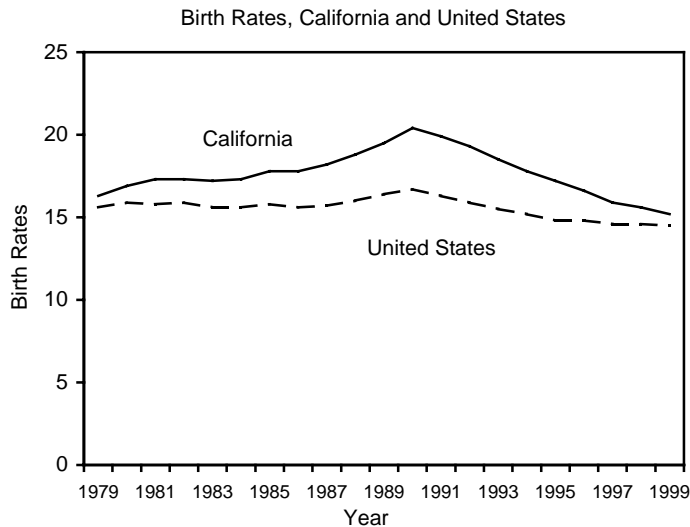
Note: Based on a 365-day year.

Source: State of California, Department of Health Services, Birth, Fetal Death and Death Records. State of California, Department of Finance, 1999 Population Projections by Age, Sex and Race/Ethnic Detail, December 1998.

# HIGHLIGHTS

## California and United States Comparison

The estimated population in California in 1999 was 34,036,000, an increase of 542,000 from 1998. California's population was 12.4 percent of the United States population, approximately one out of eight U.S. residents.



There were 518,073 live births to residents of California in 1999. These births accounted for 13.1 percent of all U.S. births, approximately one out of eight U.S. births.

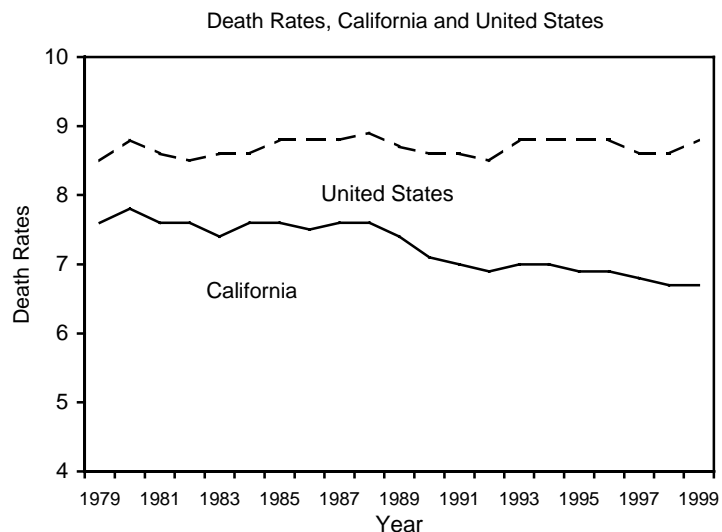
California's birth rate was 15.2 births per 1,000 population. This rate continues to exceed the U.S. rate of 14.5 in 1999.

Of all the California births in 1999, 6.1 percent were low birthweight compared to 7.6 percent for the United States as a whole.

There were 227,965 resident deaths in California in 1999. These deaths accounted for 9.5 percent of all U.S. deaths, approximately one out of ten U.S. deaths.

California's death rate was 6.7 deaths per 1,000 population. This rate continues to be below the U.S. rate of 8.8 in 1999.

California's age-adjusted death rate in 1999 was 776.8 per 100,000 population, compared to 881.9 for the U.S.



## California Births

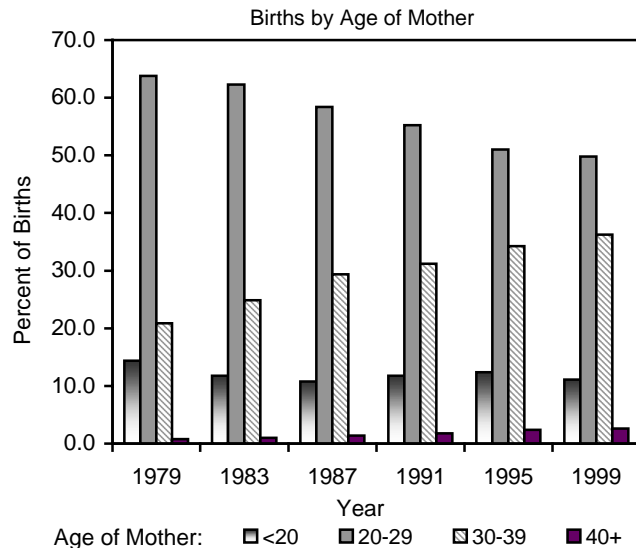
The 518,073 births to California residents in 1999 represents a decrease of 0.6 percent from 1998 and 15.3 percent from the peak of 611,666 births in 1990. There were 249,253 births to Hispanic women in 1999, 48.1 percent of all births.

The birth rate of 15.2 births per 1,000 population was down 2.6 percent from the rate of 15.6 in 1998, continuing the downward trend from 20.4 in 1990.

Women in their twenties accounted for 49.8 percent of all births in 1999, continuing the downward trend from 63.8 percent in 1979.

Women in their thirties accounted for 36.2 percent of births this year, up from 20.9 percent in 1979.

The percentage of births to women under 20 was 11.1 percent in 1999 compared to 14.4 percent in 1979. Births to women 40 and over more than tripled from 0.8 to 2.6 percent between 1979 and 1999.



In 1999, there were 47,990 births to women with less than seven years of education and 46,826 births to fathers with less than seven years of education.

The majority of mothers received prenatal care in their first trimester (82.2 percent). However, the mothers of 16,319 births (3.1 percent) received late (third trimester) or no prenatal care in 1999.

Preterm births (prior to 37 weeks gestation) occurred in 10.0 percent of the 1999 births, down from 10.1 percent in 1998.

## California Deaths

In 1999, 227,965 California residents died, up from 225,450 in 1998. The death rate in 1999 was 6.7 deaths per 1,000 population, unchanged from 1998.

Heart disease and cancer (malignant neoplasms) accounted for over half (53.9 percent) of all deaths in California in 1999. Cerebrovascular disease, chronic lower respiratory disease and accidents accounted for 17.6 percent of deaths in 1999. These were the five leading causes of death.

A change in the method of coding causes of death to the Tenth Revision of the International Classification of Diseases resulted in influenza/pneumonia moving down to the 6<sup>th</sup> leading cause of death and Alzheimer's disease moving up to the 8<sup>th</sup> leading cause in 1999.

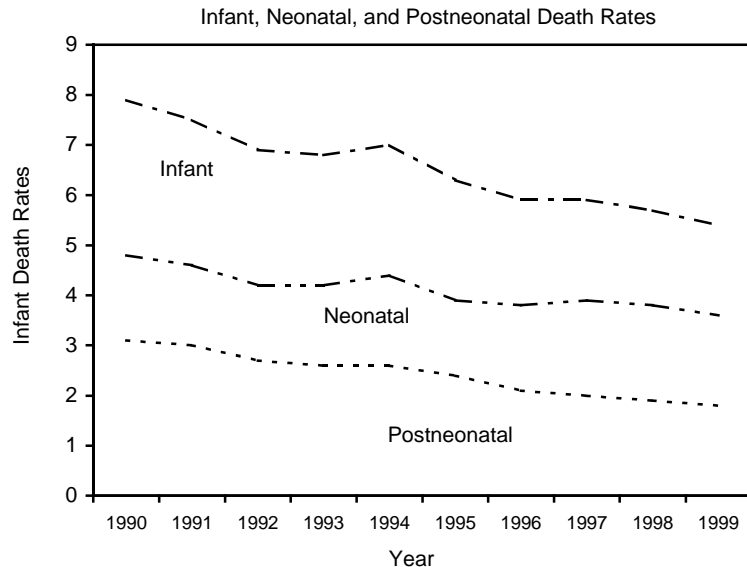
Diabetes remaining the 7<sup>th</sup> leading cause of death in 1999. Cirrhosis was the 9<sup>th</sup> leading cause of death in 1999 followed by intentional self-harm (suicide) as the 10<sup>th</sup> cause.

## California Infant Deaths

There were 2,787 deaths of California resident infants (under one year of age) in 1999, a decrease of 6.9 percent from the 1998 level.

California's 1999 infant death rate was 5.4 infant deaths per 1,000 live births, down from the rate of 5.7 in 1998.

The neonatal (less than 28 days old) death rate decreased to 3.6 deaths per 1,000 live births in 1999 from 3.8 in 1998 and the postneonatal (28 days to less than 1 year of age) death rate decreased to 1.8 from a rate of 1.9 in 1998.



## Life Expectancy

Life expectancy for a child born in 1999 was 76.3 for males and 81.0 for females. This is a gain of 3.5 years of expected life from the 1990 level for males and a gain of 1.5 years for females.

The average number of years of life remaining at age 65 in 1999 was 17.3 years for males and 20.1 years for females. This is a gain of 1.3 years of expected life from the 1990 level for males and a gain of 0.7 years for females.

TABLE 1-1. POPULATION, LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS, CALIFORNIA, 1970-1999 (By Place of Residence)  
(Live birth and death rates are per 1,000 population; maternal mortality rates are per 10,000 live births; fetal mortality ratios and infant mortality rates are per 1,000 live births.)

YEAR	POPULATION	LIVE BIRTHS		DEATHS		MATERNAL DEATHS		FETAL DEATHS		INFANT DEATHS	
		Number	Rate	Number	Rate	Number	Mortality Rate	Number	Mortality Ratio	Number	Mortality Rate
1999	34,036,000	518,073	15.2	227,965	6.7	43	0.8	2,927	5.6	2,787	5.4
1998	33,494,000	521,265	15.6	225,450	6.7	34	0.7	3,053	5.9	2,994	5.7
1997	32,957,000	524,174	15.9	223,438	6.8	45	0.9	2,996	5.7	3,091	5.9
1996	32,383,000	538,628	16.6	222,308	6.9	30	0.6	3,330	6.2	3,186	5.9
<b>1995</b>	<b>32,063,000</b>	<b>551,226</b>	<b>17.2</b>	<b>222,626</b>	<b>6.9</b>	<b>47</b>	<b>0.9</b>	<b>3,355</b>	<b>6.1</b>	<b>3,478</b>	<b>6.3</b>
1994	31,790,000	567,034	17.8	222,854	7.0	55	1.0	3,299	5.8	3,948	7.0
1993	31,517,000	584,483	18.5	220,271	7.0	45	0.8	3,574	6.1	3,970	6.8
1992	31,188,000	600,838	19.3	214,586	6.9	57	0.9	3,704	6.2	4,174	6.9
1991	30,565,000	609,228	19.9	214,220	7.0	65	1.1	3,834	6.3	4,596	7.5
<b>1990</b>	<b>29,944,000</b>	<b>611,666</b>	<b>20.4</b>	<b>213,766</b>	<b>7.1</b>	<b>55</b>	<b>0.9</b>	<b>3,989</b>	<b>6.5</b>	<b>4,828</b>	<b>7.9</b>
1989	29,142,100	569,308	19.5	215,930	7.4	33	0.6	3,824	6.7	4,853	8.5
1988	28,393,100	532,708	18.8	215,185	7.6	55	1.0	3,527	6.6	4,559	8.6
1987	27,716,900	503,376	18.2	209,395	7.6	28	0.6	3,504	7.0	4,530	9.0
1986	27,052,300	481,905	17.8	202,826	7.5	32	0.7	3,259	6.8	4,298	8.9
<b>1985</b>	<b>26,402,600</b>	<b>470,816</b>	<b>17.8</b>	<b>201,815</b>	<b>7.6</b>	<b>36</b>	<b>0.8</b>	<b>3,171</b>	<b>6.7</b>	<b>4,475</b>	<b>9.5</b>
1984	25,816,300	447,394	17.3	195,470	7.6	27	0.6	3,110	7.0	4,212	9.4
1983	25,336,300	435,722	17.2	188,018	7.4	37	0.8	3,049	7.0	4,226	9.7
1982	24,805,000	429,631	17.3	188,255	7.6	43	1.0	3,333	7.8	4,218	9.8
1981	24,277,700	420,418	17.3	184,732	7.6	38	0.9	3,481	8.3	4,276	10.2
<b>1980</b>	<b>23,780,100</b>	<b>402,720</b>	<b>16.9</b>	<b>186,428</b>	<b>7.8</b>	<b>45</b>	<b>1.1</b>	<b>3,594</b>	<b>8.9</b>	<b>4,451</b>	<b>11.1</b>
1979	23,256,700	379,187	16.3	177,214	7.6	43	1.1	3,372	8.9	4,278	11.3
1978	22,835,600	356,156	15.6	175,878	7.7	39	1.1	3,089	8.7	4,235	11.9
1977	22,351,700	347,576	15.6	170,441	7.6	38	1.1	3,051	8.8	4,192	12.1
1976	21,935,400	332,105	15.1	171,095	7.8	42	1.3	3,193	9.6	4,134	12.4
<b>1975</b>	<b>21,537,800</b>	<b>317,318</b>	<b>14.7</b>	<b>170,797</b>	<b>7.9</b>	<b>47</b>	<b>1.5</b>	<b>3,031</b>	<b>9.6</b>	<b>4,256</b>	<b>13.4</b>
1974	21,174,100	311,668	14.7	170,475	8.1	47	1.5	3,163	10.1	4,274	13.7
1973	20,869,100	297,834	14.3	172,798	8.3	47	1.6	3,039	10.2	4,351	14.6
1972	20,585,000	306,375	14.9	170,026	8.3	54	1.8	3,147	10.3	4,877	15.9
1971	20,346,200	329,826	16.2	169,349	8.3	52	1.6	3,542	10.7	5,440	16.5
<b>1970</b>	<b>20,038,300</b>	<b>362,652</b>	<b>18.1</b>	<b>166,382</b>	<b>8.3</b>	<b>77</b>	<b>2.1</b>	<b>4,082</b>	<b>11.3</b>	<b>6,243</b>	<b>17.2</b>

Note: Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99. Infant deaths are those under one year of age. Fetal deaths are those of 20 weeks or more gestation.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records.  
State of California, Department of Finance, 1970-1989 Population: 1970-1996 Population Estimates with Age, Sex, and Race/Ethnic Detail, January 1998; 1990-1999 County Population Estimates, Report E-2, February 2000.



TABLE 1-2. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA COUNTIES, 1999

(By Place of Residence and By Place of Occurrence, Infant Deaths By Place of Residence)\*

(Live birth and death rates are per 1,000 population; fetal mortality ratios and infant mortality rates are per 1,000 live births)

COUNTY	LIVE BIRTHS			DEATHS			MATERNAL DEATHS		FETAL DEATHS			INFANT DEATHS BY AGE					
	Residence		Occurrence	Residence		Occurrence	Residence	Occurrence	Residence		Occurrence	Total		Neonatal		1-11 Months	
	Number	Rate		Number	Rate				Number	Mortality Ratio		Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	#####	###	#####	#####	6.7	#####	43	42	#####	5.6	#####	####	5.4	####	3.6	944	1.8
ALAMEDA	20,547	###	21,490	9,863	6.8	9,738	4	3	139	6.8	149	109	5.3	70	3.4	39	1.9
ALPINE	12	###	1	7	6.0	11	-	-	-	-	-	-	-	-	-	-	-
AMADOR	264	7.8	226	359	###	332	-	-	2	a,b	1	-	-	-	-	-	-
BUTTE	2,256	###	2,670	2,124	###	2,244	-	-	17	7.5	15	7	3.1	6	2.7	1	a
CALAVERAS	325	8.5	8	418	###	333	-	-	2	a,b	-	1	a,b	-	-	1	a,b
COLUSA	335	###	177	148	7.9	111	-	-	-	-	-	2	a,b	2	a,b	-	-
CONTRA COSTA	12,586	###	10,620	6,569	7.0	6,493	1	1	76	6.0	62	66	5.2	43	3.4	23	1.8
DEL NORTE	298	###	298	224	8.2	259	-	-	1	a,b	1	1	a,b	-	-	1	a,b
EL DORADO	1,637	###	1,229	1,149	7.5	960	-	-	8	4.9	7	8	4.9	6	3.7	2	a
FRESNO	14,019	###	14,635	5,460	6.9	5,750	-	-	94	6.7	104	85	6.1	61	4.4	24	1.7
GLENN	386	###	2	241	9.0	146	-	-	1	a,b	-	1	a,b	-	-	1	a,b
HUMBOLDT	1,452	###	1,474	1,159	9.2	1,160	-	-	8	5.5	9	6	4.1	4	a	2	a
IMPERIAL	2,464	###	2,369	856	5.9	782	-	-	16	6.5	14	12	4.9	6	2.4	6	2.4
INYO	190	###	278	198	###	182	-	-	-	-	-	-	-	-	-	-	-
KERN	11,377	###	10,920	4,656	7.1	4,469	3	3	76	6.7	72	78	6.9	48	4.2	30	2.6
KINGS	2,149	###	2,549	700	5.5	646	-	-	13	6.0	16	16	7.4	7	3.3	9	4.2
LAKE	579	###	411	611	###	430	-	-	4	a,b	2	2	a,b	-	-	2	a,b
LASSEN	284	8.5	273	199	6.0	172	-	-	1	a,b	1	1	a,b	-	-	1	a,b
LOS ANGELES	#####	###	#####	59,614	6.1	60,836	14	15	904	5.8	952	841	5.4	561	3.6	280	1.8
MADERA	1,958	###	1,418	868	7.4	779	-	-	17	8.7	9	10	5.1	6	3.1	4	a
MARIN	2,650	###	1,816	1,794	7.3	1,835	-	-	15	5.7	11	7	2.6	4	a	3	a
MARIPOSA	126	7.9	6	183	###	109	-	-	-	-	-	2	a,b	1	a,b	1	a,b
MENDOCINO	1,012	###	968	769	8.9	728	-	-	5	4.9	4	4	a	2	a	2	a
MERCED	3,658	###	2,999	1,383	6.7	1,198	-	-	26	7.1	18	24	6.6	8	2.2	16	4.4
MODOC	68	7.1	44	101	###	69	-	-	-	-	-	1	a,b	1	a,b	-	-
MONO	119	###	22	32	3.0	37	-	-	-	-	-	1	a,b	1	a,b	-	-
MONTEREY	6,718	###	6,297	2,374	6.1	2,308	-	-	42	6.3	40	32	4.8	23	3.4	9	1.3
NAPA	1,493	###	1,203	1,218	9.8	1,267	-	-	11	7.4	10	2	a	1	a	1	a
NEVADA	770	8.5	886	869	9.6	829	-	-	4	a,b	3	3	a,b	1	a,b	2	a,b
ORANGE	46,509	###	49,105	16,644	5.9	16,811	6	5	246	5.3	251	204	4.4	140	3.0	64	1.4
PLACER	2,954	###	2,379	1,778	7.7	2,094	-	-	7	2.4	7	18	6.1	10	3.4	8	2.7
PLUMAS	137	6.8	114	220	###	185	-	-	1	a,b	-	-	-	-	-	-	-
RIVERSIDE	23,536	###	21,899	12,019	8.0	11,457	2	2	116	4.9	101	160	6.8	103	4.4	57	2.4
SACRAMENTO	17,737	###	19,767	9,004	7.5	9,499	2	2	117	6.6	134	110	6.2	61	3.4	49	2.8
SAN BENITO	974	###	588	269	5.4	212	-	-	4	a,b	2	2	a,b	1	a,b	1	a,b
SAN BERNARDINO	28,397	###	25,341	10,909	6.5	11,526	2	2	140	4.9	138	215	7.6	139	4.9	76	2.7
SAN DIEGO	43,261	###	44,384	19,168	6.6	19,852	2	2	242	5.6	242	225	5.2	162	3.7	63	1.5
SAN FRANCISCO	8,119	###	11,494	6,645	8.3	6,944	1	1	35	4.3	63	31	3.8	17	2.1	14	1.7
SAN JOAQUIN	8,853	###	8,563	4,348	7.7	4,336	-	-	56	6.3	50	41	4.6	26	2.9	15	1.7
SAN LUIS OBISPO	2,357	9.8	2,220	2,024	8.4	1,978	-	-	10	4.2	12	7	3.0	2	a	5	2.1
SAN MATEO	10,108	###	6,160	4,926	6.8	5,019	-	-	41	4.1	20	36	3.6	27	2.7	9	0.9
SANTA BARBARA	5,496	###	5,672	2,951	7.2	2,974	1	1	27	4.9	23	26	4.7	18	3.3	8	1.5
SANTA CLARA	26,266	###	30,616	9,033	5.3	9,678	3	4	116	4.4	137	127	4.8	87	3.3	40	1.5
SANTA CRUZ	3,446	###	3,539	1,632	6.4	1,615	-	-	27	7.8	23	17	4.9	16	4.6	1	a
SHASTA	1,845	###	1,865	1,686	###	1,829	-	-	10	5.4	11	11	6.0	6	3.3	5	2.7
SIERRA	12	3.8	1	39	###	40	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	462	###	340	465	###	417	-	-	-	-	-	1	a,b	-	-	1	a,b
SOLANO	5,539	###	5,208	2,358	6.0	2,301	-	-	26	4.7	21	31	5.6	17	3.1	14	2.5
SONOMA	5,420	###	5,546	3,735	8.4	3,771	1	1	30	5.5	27	32	5.9	20	3.7	12	2.2
STANISLAUS	7,115	###	7,884	3,354	7.6	3,621	1	-	44	6.2	46	50	7.0	38	5.3	12	1.7
SUTTER	1,127	###	1,946	644	8.3	432	-	-	8	7.1	12	4	a	3	a	1	a
TEHAMA	634	###	554	618	###	460	-	-	1	a,b	1	6	b	5	b	1	a,b
TRINITY	90	6.9	67	137	###	85	-	-	-	-	-	3	a,b	1	a,b	2	a,b
TULARE	6,762	###	6,150	2,545	7.0	2,384	-	-	56	8.3	49	34	5.0	31	4.6	3	a
TUOLUMNE	440	8.3	554	528	###	443	-	-	2	a,b	3	2	a,b	1	a,b	1	a,b
VENTURA	11,444	###	10,786	4,556	6.1	4,298	-	-	65	5.7	58	57	5.0	40	3.5	17	1.5
YOLO	2,142	###	1,766	1,033	6.5	897	-	-	13	6.1	12	8	3.7	5	2.3	3	a
YUBA	1,006	###	5	551	9.2	683	-	-	5	5.0	1	7	7.0	5	5.0	2	a

\* By place of occurrence: The place where the event occurred (regardless of place of residence).

By place of residence: The place a person lives or maintains legal residency. For live births, the mother's residence is used.

- Represents zero events.

a Rates and ratios are not calculated for fewer than five events.

b Infant mortality rates and fetal mortality ratios are not calculated for counties reporting fewer than 1,000 births.

Note: Fetal deaths of 20 weeks or more gestation are required by law to be registered. Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99. Infant deaths are those under one year. Neonatal deaths are those under 28 days.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records.

State of California, Department of Finance. Report E-2, County Population Estimates, July 1, 1990- July 1, 1999, February 2000.

TABLE 1-3. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA AND SELECTED CITY HEALTH DEPARTMENTS, 1999

(By Place of Residence and By Place of Occurrence, Infant Deaths By Place of Residence)\*

(Live birth and death rates are per 1,000 population; fetal mortality ratios and infant mortality rates are per 1,000 live births)

COUNTY	LIVE BIRTHS			DEATHS			MATERNAL DEATHS		FETAL DEATHS			INFANT DEATHS BY AGE					
	Residence		Occur- rence	Residence		Occur- rence	Resi- dence	Occur- rence	Residence		Occur- rence	Total		Neonatal		1-11 Months	
	Number	Rate		Number	Rate				Number	Mortality Ratio		Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	518,073	15.3	519,248	227,965	6.8	230,054	43	42	2,927	5.6	2,944	#####	5.4	1,843	3.6	944	1.8
ALAMEDA	20,547	14.3	21,490	9,863	6.9	9,738	4	3	139	6.8	149	109	5.3	70	3.4	39	1.9
Berkeley <sup>1</sup>	944	8.6	6,980	645	5.9	862	-	1	3	a,b	54	3	a,b	3	a,b	-	-
LOS ANGELES	156,153	16.1	159,446	59,614	6.1	60,836	14	15	904	5.8	952	841	5.4	561	3.6	280	1.8
Long Beach <sup>1</sup>	8,492	18.8	9,224	3,276	7.3	3,726	-	-	56	6.6	74	52	6.1	34	4.0	18	2.1
Pasadena <sup>1</sup>	2,384	16.8	4,720	1,164	8.2	1,383	-	-	12	5.0	29	17	7.1	11	4.6	6	2.5

\* By place of occurrence: The place where the event occurred (regardless of place of residence).

By place of residence: The place a person lives or maintains legal residency. For live births, the mother's residence is used.

- Represents zero events.

a Rates and ratios are not calculated for fewer than five events.

b Fetal mortality ratios and infant mortality rates are not calculated when there are fewer than 1,000 births.

<sup>1</sup> City Health Department numbers are included in their respective county totals.

Note: Infant deaths are those under one year. Neonatal deaths are those under 28 days. Fetal deaths of 20 weeks or more gestation are required by law to be registered. Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records.

State of California, Department of Finance. 1999 Population: Report E-1, City/County Population Estimates, January 1, 1999 and 2000, May 2000.

TABLE 1-4. COMPARISON OF VITAL STATISTICS RATES, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(Birth and death rates are per 1,000 population; general fertility rates are per 1,000 women of childbearing age (15-44 years); total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; infant and neonatal mortality rates are per 1,000 live births.)

YEAR	BIRTH RATE		GENERAL FERTILITY RATE		TOTAL FERTILITY RATE		DEATH RATE		INFANT MORTALITY RATE		NEONATAL MORTALITY RATE	
	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States
1999	15.2	14.5	70.5	65.9	2,207	2,075	6.7	8.8	5.4	7.1	3.6	na
1998	15.6	14.6	71.2	65.6	2,221	2,059	6.7	8.6	5.7	7.2	3.8	4.8
1997	15.9	14.5	72.2	65.0	2,237	2,033	6.8	8.6	5.9	7.2	3.9	4.8
1996	16.6	14.7	74.7	65.3	2,302	2,027	6.9	8.7	5.9	7.3	3.8	4.8
<b>1995</b>	<b>17.2</b>	<b>14.8</b>	<b>76.3</b>	<b>65.6</b>	<b>2326</b>	<b>2,019</b>	<b>6.9</b>	<b>8.8</b>	<b>6.3</b>	<b>7.6</b>	<b>3.9</b>	<b>4.9</b>
1994	17.8	15.2	78.1	66.7	2,355	2,036	7.0	8.8	7.0	8.0	4.4	5.1
1993	18.5	15.5	80.1	67.6	2,387	2,046	7.0	8.8	6.8	8.4	4.2	5.3
1992	19.3	15.9	82.0	68.9	2,416	2,065	6.9	8.5	6.9	8.5	4.2	5.4
1991	19.9	16.3	83.5	69.6	2,445	2,073	7.0	8.6	7.5	8.9	4.6	5.6
<b>1990</b>	<b>20.4</b>	<b>16.7</b>	<b>84.7</b>	<b>70.9</b>	<b>2,444</b>	<b>2,081</b>	<b>7.1</b>	<b>8.6</b>	<b>7.9</b>	<b>9.2</b>	<b>4.8</b>	<b>5.8</b>
1989	19.5	16.4	80.4	69.2	2,293	2,014	7.4	8.7	8.5	9.8	5.2	6.2
1988	18.8	16.0	76.9	67.3	2,174	1,934	7.6	8.9	8.6	10.0	5.1	6.3
1987	18.2	15.7	74.2	65.8	2,080	1,872	7.6	8.8	9.0	10.1	5.5	6.5
1986	17.8	15.6	72.7	65.4	2,022	1,838	7.5	8.8	8.9	10.4	5.6	6.7
<b>1985</b>	<b>17.8</b>	<b>15.8</b>	<b>72.9</b>	<b>66.3</b>	<b>2,014</b>	<b>1,844</b>	<b>7.6</b>	<b>8.8</b>	<b>9.5</b>	<b>10.6</b>	<b>6.0</b>	<b>7.0</b>
1984	17.3	15.6	71.1	65.5	1,950	1,807	7.6	8.6	9.4	10.8	5.9	7.0
1983	17.2	15.6	70.8	65.7	1,930	1,799	7.4	8.6	9.7	11.2	6.2	7.3
1982	17.3	15.9	71.5	67.3	1,933	1,828	7.6	8.5	9.8	11.5	6.3	7.7
1981	17.3	15.8	71.7	67.3	1,925	1,812	7.6	8.6	10.2	11.9	6.4	8.0
<b>1980</b>	<b>16.9</b>	<b>15.9</b>	<b>70.4</b>	<b>68.4</b>	<b>1,885</b>	<b>1,840</b>	<b>7.8</b>	<b>8.8</b>	<b>11.1</b>	<b>12.6</b>	<b>7.2</b>	<b>8.5</b>

na Data not available.

Source: State of California, Department of Health Services, Birth and Death Records.

State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001; Deaths: Births, Marriages, Divorces, and Deaths: Provisional Data for 1999, Vol. 48, No. 19, February 22, 2001.

TABLE 1-5. GENERAL FERTILITY RATE, TOTAL FERTILITY RATE, AND BIRTH RATES BY AGE OF MOTHER, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(General fertility rates are per 1,000 women of childbearing age (15-44 years); total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; age-specific birth rates are per 1,000 women in specified age groups.)

YEAR	GENERAL FERTILITY RATE	TOTAL FERTILITY RATE	BIRTH RATE BY AGE OF MOTHER							
			Under 15 <sup>1</sup>	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over <sup>2</sup>
CALIFORNIA										
1999	70.5	2,206.6	0.9	50.2	116.3	122.5	95.8	46.0	10.4	0.8
1998	71.2	2,221.2	0.9	53.6	119.8	122.3	93.1	45.0	10.4	0.7
1997	72.2	2,236.7	1.1	56.7	122.8	121.6	91.4	44.4	10.4	0.7
1996	74.7	2,302.2	1.3	61.6	128.1	123.6	92.6	44.0	10.5	0.6
1995	76.3	2,326.2	1.5	67.2	128.2	123.9	91.9	43.7	10.3	0.7
1994	78.1	2,355.3	1.6	70.2	130.0	125.3	91.9	43.5	10.1	0.7
1993	80.1	2,386.9	1.5	71.3	132.8	127.5	92.4	43.5	9.8	0.6
1992	82.0	2,416.1	1.5	71.7	134.8	128.8	93.8	44.5	9.7	0.6
1991	83.5	2,445.4	1.5	72.9	135.7	132.2	94.3	44.6	9.4	0.6
1990	84.7	2,444.2	1.4	70.0	135.4	133.4	96.6	44.2	9.1	0.6
1989	80.4	2,293.3	1.4	62.7	125.0	128.5	92.0	41.8	8.5	0.4
1988	76.9	2,174.4	1.2	56.2	117.0	125.0	89.5	39.4	7.8	0.5
1987	74.2	2,080.0	1.1	51.9	112.8	121.5	86.1	36.5	7.3	0.5
1986	72.7	2,022.2	1.0	50.0	112.5	119.0	82.6	33.8	6.6	0.4
1985	72.9	2,013.5	1.0	49.3	113.1	120.0	81.4	32.8	6.2	0.4
1984	71.1	1,949.5	1.0	48.3	111.8	116.2	77.0	30.6	6.0	0.4
1983	70.8	1,930.3	0.9	49.1	113.0	114.5	74.4	29.3	5.7	0.4
1982	71.5	1,933.4	0.9	51.2	116.1	115.1	71.1	27.7	5.5	0.4
1981	71.7	1,924.6	1.0	52.9	117.4	114.1	69.1	26.0	5.5	0.3
1980	70.4	1,885.2	0.9	52.4	116.2	111.2	67.4	24.7	5.1	0.3
UNITED STATES										
1999	65.9	2,075.0	0.9	49.6	111.0	117.8	89.6	38.3	7.4	0.4
1998	65.6	2,058.5	1.0	51.1	111.2	115.9	87.4	37.4	7.3	0.4
1997	65.0	2,032.5	1.1	52.3	110.4	113.8	85.3	36.1	7.1	0.4
1996	65.3	2,027.0	1.2	54.4	110.4	113.1	83.9	35.3	6.8	0.3
1995	65.6	2,019.0	1.3	56.8	109.8	112.2	82.5	34.3	6.6	0.3
1994	66.7	2,036.0	1.4	58.9	111.1	113.9	81.5	33.7	6.4	0.3
1993	67.6	2,046.0	1.4	59.6	112.6	115.5	80.8	32.9	6.1	0.3
1992	68.9	2,065.0	1.4	60.7	114.6	117.4	80.2	32.5	5.9	0.3
1991	69.6	2,073.0	1.4	62.1	115.7	118.2	79.5	32.0	5.5	0.2
1990	70.9	2,081.0	1.4	59.9	116.5	120.2	80.8	31.7	5.5	0.2
1989	69.2	2,014.0	1.4	57.3	113.8	117.6	77.4	29.9	5.2	0.2
1988	67.3	1,934.0	1.3	53.0	110.2	114.4	74.8	28.1	4.8	0.2
1987	65.8	1,872.0	1.3	50.6	107.9	111.6	72.1	26.3	4.4	0.2
1986	65.4	1,837.5	1.3	50.2	107.4	109.8	70.1	24.4	4.1	0.2
1985	66.3	1,844.0	1.2	51.0	108.3	111.0	69.1	24.0	4.0	0.2
1984 <sup>a</sup>	65.5	1,806.5	1.2	50.6	106.8	108.7	67.0	22.9	3.9	0.2
1983 <sup>a</sup>	65.7	1,799.0	1.1	51.4	107.8	108.5	64.9	22.0	3.9	0.2
1982 <sup>a</sup>	67.3	1,827.5	1.1	52.4	111.6	111.0	64.1	21.2	3.9	0.2
1981 <sup>a</sup>	67.3	1,812.0	1.1	52.2	112.2	111.5	61.4	20.0	3.8	0.2
1980 <sup>a</sup>	68.4	1,839.5	1.1	53.0	115.1	112.9	61.9	19.8	3.9	0.2

<sup>1</sup> For women under 15, the rate is calculated using the female population 10-14 years of age.

<sup>2</sup> For women 45 years and over, the rate is calculated using female population 45-49 years of age.

<sup>a</sup> Based on 100 percent of births for selected states and a 50 percent sample of births for all other states.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999;

1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-6. GENERAL FERTILITY RATE AND BIRTH RATES BY LIVE BIRTH ORDER, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(General fertility rates are per 1,000 women of childbearing ages (15-44 years). Birth rates are per 1,000 women ages 15-44 years.)

YEAR	GENERAL FERTILITY RATE	BIRTH RATE BY LIVE BIRTH ORDER				
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER
CALIFORNIA						
1999	70.5	27.3	22.3	12.1	5.1	3.6
1998	71.2	27.3	22.6	12.3	5.2	3.8
1997	72.2	27.8	22.7	12.3	5.3	4.0
1996	74.7	28.7	23.5	12.7	5.5	4.3
1995	76.3	29.9	23.6	12.8	5.5	4.4
1994	78.1	30.6	24.2	13.0	5.7	4.6
1993	80.1	31.2	24.9	13.3	6.0	4.8
1992	82.0	32.2	25.2	13.6	6.1	4.9
1991	83.5	33.4	25.4	13.8	6.1	4.8
1990	84.7	34.0	25.7	14.1	6.1	4.7
1989	80.4	32.3	24.5	13.5	5.8	4.3
1988	76.9	30.9	24.0	12.7	5.3	3.9
1987	74.2	30.1	23.2	12.1	5.0	3.7
1986	72.7	29.7	22.9	11.7	4.8	3.6
1985	72.9	29.7	23.4	11.5	4.7	3.5
1984	71.1	29.2	23.0	11.1	4.4	3.4
1983	70.8	29.7	22.5	10.9	4.3	3.4
1982	71.5	30.6	22.5	10.7	4.3	3.4
1981	71.7	31.2	22.3	10.5	4.2	3.5
1980	70.4	31.1	21.6	10.2	4.1	3.4
UNITED STATES						
1999	65.9	26.6	21.5	10.9	4.2	2.7
1998	65.6	26.4	21.4	10.8	4.2	2.7
1997	65.0	26.5	21.1	10.6	4.1	2.7
1996	65.3	26.8	21.1	10.5	4.1	2.7
1995	65.6	27.3	21.1	10.5	4.0	2.7
1994	66.7	27.5	21.5	10.7	4.2	2.9
1993	67.6	27.5	21.9	11.0	4.3	2.9
1992	68.9	27.8	22.3	11.3	4.4	3.0
1991	69.6	28.3	22.4	11.4	4.5	3.0
1990	70.9	29.0	22.8	11.7	4.5	3.0
1989	69.2	28.4	22.4	11.3	4.3	2.8
1988	67.3	27.6	22.0	10.9	4.1	2.7
1987	65.8	27.2	21.6	10.5	3.9	2.5
1986	65.4	27.2	21.6	10.3	3.8	2.5
1985	66.3	27.6	22.0	10.4	3.8	2.5
1984 <sup>a</sup>	65.5	27.4	21.7	10.1	3.7	2.6
1983 <sup>a</sup>	65.7	27.8	21.5	10.1	3.7	2.6
1982 <sup>a</sup>	67.3	28.6	22.0	10.2	3.8	2.6
1981 <sup>a</sup>	67.3	29.0	21.6	10.1	3.8	2.8
1980 <sup>a</sup>	68.4	29.5	21.8	10.3	3.9	2.9

<sup>a</sup> Based on 100 percent of births in selected states and on a 50 percent sample of births in all other states.

Note: Live births with unknown birth order were distributed proportionately to live births with known birth order before rates were calculated.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1970-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998. National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-7. COMPARISON OF PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC AND MEDICAL CHARACTERISTICS, CALIFORNIA AND UNITED STATES, 1990-1999 (By Place of Residence)

YEAR	PERCENTAGE OF DEMOGRAPHIC CHARACTERISTICS										PERCENTAGE OF MEDICAL CHARACTERISTICS							
	Mothers Under 20 Years of Age		Mother Completed 12 Years or More of School		Mother Born in the United States		Unmarried Mother <sup>1</sup>		4th & Higher Birth Order		Late or No Prenatal Care <sup>2</sup>		Preterm Birth <sup>3</sup>		Cesarean Birth		Low Birthweight <sup>4</sup>	
	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States
1999	11.1	12.3	68.6	78.3	55.3	79.8	32.8	33.0	12.4	10.5	3.1	3.8	10.0	11.8	22.7	22.0	6.1	7.6
1998	11.4	12.5	67.8	78.1	55.8	80.5	32.7	32.8	12.7	10.5	3.6	3.9	10.1	11.6	21.7	21.2	6.2	7.6
1997	11.7	12.7	66.9	77.9	55.1	80.7	31.9	32.4	12.9	10.5	3.7	3.9	9.9	11.4	21.0	20.8	6.1	7.5
1996	12.0	12.9	65.7	77.6	54.7	80.8	31.4	32.4	13.1	10.4	3.8	4.0	9.8	11.0	20.6	20.7	6.1	7.4
<b>1995</b>	<b>12.4</b>	<b>13.1</b>	<b>65.4</b>	<b>77.4</b>	<b>55.5</b>	<b>81.5</b>	<b>32.1</b>	<b>32.2</b>	<b>13.1</b>	<b>10.3</b>	<b>4.6</b>	<b>4.2</b>	<b>9.9</b>	<b>11.0</b>	<b>20.6</b>	<b>20.8</b>	<b>6.1</b>	<b>7.3</b>
1994	12.3	13.1	64.8	77.1	55.5	81.5	35.6	32.6	13.2	10.5	4.8	4.4	9.9	11.0	20.8	21.2	6.2	7.3
1993	12.0	12.8	64.3	76.7	55.2	82.4	35.1	31.0	13.4	10.7	5.0	4.8	9.9	11.0	21.3	21.8	6.0	7.2
1992	11.8	12.7	64.2	76.4	55.5	83.0	34.2	30.1	13.4	10.8	5.3	5.2	9.7	10.7	21.6	22.3	5.9	7.1
1991	11.8	12.9	64.5	75.7	57.1	83.5	33.3	29.5	13.1	10.7	6.3	5.8	9.7	10.8	22.3	22.6	5.8	7.1
<b>1990</b>	<b>11.6</b>	<b>12.8</b>	<b>65.5</b>	<b>76.1</b>	<b>59.0</b>	<b>84.3</b>	<b>31.4</b>	<b>28.1</b>	<b>12.8</b>	<b>10.5</b>	<b>7.0</b>	<b>6.1</b>	<b>9.7</b>	<b>10.6</b>	<b>22.2</b>	<b>22.7</b>	<b>5.8</b>	<b>7.0</b>

<sup>1</sup> Unmarried status in California was estimated prior to 1997. See Chapter 6.

<sup>2</sup> Third trimester or no prenatal care.

<sup>3</sup> Births prior to 37 completed weeks of gestation.

<sup>4</sup> Birthweight of less than 2,500 grams (5lbs. 8 oz.).

Source: State of California, Department of Health Services, Birth Records.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-8. NUMBER, PERCENT DISTRIBUTION, AND PERCENT CHANGE IN DEATHS BY SEX, AGE, AND HISPANIC ORIGIN, CALIFORNIA AND UNITED STATES, 1998-1999 (By Place of Residence)

Deaths	CALIFORNIA						UNITED STATES					
	1998		1999		Percent Change		1998		1999		Percent Change	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	225,450	100.0	227,965	100.0	1.1	a	2,337,256	100.0	2,391,630	100.0	2.3	a
Males	113,639	50.4	113,624	49.8	0.0	-1.1	1,157,260	49.5	1,175,549	49.2	1.6	-0.7
Females	111,811	49.6	114,341	50.2	2.3	1.1	1,179,996	50.5	1,216,081	50.8	3.1	0.7
< 1 Year	2,994	1.3	2,787	1.2	-6.9	-7.9	28,371	1.2	27,953	1.2	-1.5	-3.7
1-4	581	0.3	595	0.3	2.4	1.3	5,251	0.2	5,250	0.2	0.0	-2.3
5-14	842	0.4	793	0.3	-5.8	-6.9	7,791	0.3	7,595	0.3	-2.5	-4.7
15-24	3,182	1.4	3,018	1.3	-5.2	-6.2	30,627	1.3	30,664	1.3	0.1	-2.2
25-34	4,623	2.1	4,296	1.9	-7.1	-8.1	42,516	1.8	41,070	1.7	-3.4	-5.6
35-44	9,453	4.2	9,109	4.0	-3.6	-4.7	88,866	3.8	89,273	3.7	0.5	-1.8
45-54	15,349	6.8	15,907	7.0	3.6	2.5	146,479	6.3	152,997	6.4	4.4	2.1
55-64	22,304	9.9	22,454	9.8	0.7	-0.4	233,724	10.0	239,007	10.0	2.3	-0.1
65-74	42,621	18.9	41,620	18.3	-2.3	-3.4	458,982	19.6	452,636	18.9	-1.4	-3.6
75-84	65,285	29.0	66,388	29.1	1.7	0.6	681,663	29.2	698,648	29.2	2.5	0.2
85+	58,118	25.8	60,926	26.7	4.8	3.7	612,575	26.2	646,181	27.0	5.5	3.1
Not Stated	98	0.04	72	0.03	-26.5	-27.3	411	0.02	356	0.01	-13.4	-15.4
Hispanic	26,979	12.0	27,907	12.2	3.4	2.3	98,406	4.2	103,772	4.3	5.5	3.1

a Percent change does not apply to total distributions.

Note: Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Death Records.

National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol. 49, No. 3, June 26, 2001.

TABLE 1-9. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF DEATH, CALIFORNIA AND UNITED STATES, 1999 (By Place of Residence)  
(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1998**. Infant mortality rates are per 100,000 live births)

TOTAL INFANT DEATHS - CALIFORNIA						TOTAL INFANT DEATHS - UNITED STATES					
RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT <sup>1</sup>	MORTALITY RATE	RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT <sup>1</sup>	MORTALITY RATE
	All Causes	A00-Y89	2,787	100.0	538.0		All Causes	A00-Y89	27,953	100.0	706.0
1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	676	24.3	130.5	1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	5,471	19.6	138.2
2	Disorders of Short Gestation and Low Birthweight	P07	386	13.9	74.5	2	Disorders of Short Gestation and Low Birthweight	P07	4,397	15.7	111.1
3	Sudden Infant Death Syndrome	R95	237	8.5	45.7	3	Sudden Infant Death Syndrome	R95	2,583	9.2	65.3
4	Respiratory Distress of Newborn	P22	91	3.3	17.6	5	Respiratory Distress of Newborn	P22	1,111	4.0	28.1
5	Complications of Placenta, Cord, and Membrane	P02	88	3.2	17.0	6	Complications of Placenta, Cord, and Membrane	P02	1,025	3.7	25.9
6	Neonatal Hemorrhage	P50-P52, P54	87	3.1	16.8	11	Neonatal Hemorrhage	P50-P52, P54	508	1.8	12.8
7	Effect of Maternal Complications of Pregnancy	P01	85	3.0	16.4	4	Effect of Maternal Complications of Pregnancy	P01	1,402	5.0	35.4
8	Diseases of Circulatory System	I00-I99	68	2.4	13.1	9	Diseases of Circulatory System	I00-I99	667	2.4	16.9
9	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	62	2.2	12.0	10	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	613	2.2	15.5
9	Accidents	V01-X59	62	2.2	12.0	8	Accidents	V01-X59	833	3.0	21.0
11	Perinatal Infections	P35-P39	59	2.1	11.4	7	Perinatal Infections	P35-P39	869	3.1	22.0
	All Other Causes	RESIDUAL	886	31.8			All Other Causes	RESIDUAL	8,474	30.3	

<sup>1</sup> Percents are rounded independently and may not add to totals.

Note: The Leading Causes are presented in 1999 ranking for California infant deaths.

Source: State of California, Department of Health Services, Birth and Death Records.

National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol. 49, No. 3, June 26, 2001.



TABLE 1-10. DEATHS, PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES FOR TEN LEADING CAUSES OF DEATH, CALIFORNIA AND UNITED STATES, 1999 (By Place of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1998**; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**.)

**LEADING CAUSES OF DEATH - CALIFORNIA**

RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT <sup>1</sup>	DEATH RATE	AGE-ADJUSTED RATE
	All Causes	A00-Y89	227,965	100.0	669.1	776.8
1	Diseases of Heart	I00-I09,I11,I13, I20-I51	69,900	30.7	205.2	243.4
2	Malignant Neoplasms	C00-C97	52,880	23.2	155.2	179.5
3	Cerebrovascular Diseases	I60-I69	18,079	7.9	53.1	63.3
4	Chronic Lower Respiratory Diseases	J40-J47	13,187	5.8	38.7	45.8
5	Accidents	V01-X59,Y85-Y86	8,940	3.9	26.2	27.5
6	Influenza & Pneumonia	J10-J18	8,014	3.5	23.5	28.2
7	Diabetes	E10-E14	6,004	2.6	17.6	20.5
8	Alzheimer's Disease	G30	3,934	1.7	11.5	14.0
9	Chronic Liver Disease & Cirrhosis	K70,K73-K74	3,546	1.6	10.4	11.5
10	Intentional Self-Harm (Suicide)	X60-X84,Y87.0	3,047	1.3	8.9	9.4
	All Other Causes	RESIDUAL	40,434	17.7		

**LEADING CAUSES OF DEATH - UNITED STATES**

RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT <sup>1</sup>	DEATH RATE	AGE-ADJUSTED RATE
	All Causes	A00-Y89	2,391,630	100.0	877.0	881.9
1	Diseases of Heart	I00-I09,I11,I13, I20-I51	724,915	30.3	265.8	267.7
2	Malignant Neoplasms	C00-C97	549,787	23.0	201.6	202.6
3	Cerebrovascular Diseases	I60-I69	167,340	7.0	61.4	61.8
4	Chronic Lower Respiratory Diseases	J40-J47	124,153	5.2	45.5	45.8
5	Accidents	V01-X59,Y85-Y86	97,298	4.1	35.7	35.7
7	Influenza & Pneumonia	J10-J18	63,686	2.7	23.4	23.5
6	Diabetes	E10-E14	68,379	2.9	25.1	25.2
8	Alzheimer's Disease	G30	44,507	1.9	16.3	16.5
-	Chronic Liver Disease & Cirrhosis	K70,K73-K74	26,225	1.1	9.6	9.7
-	Intentional Self-Harm (Suicide)	X60-X84,Y87.0	29,041	1.2	10.6	10.6
	All Other Causes	RESIDUAL	496,299	20.8		

<sup>1</sup> Percents are rounded independently and may not add to totals.

- Not among the ten leading causes for the United States.

Note: The Leading Causes are presented in 1999 ranking for California deaths.

Source: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol 49, No. 3, June 26, 2001.

TABLE 1-11. NUMBER AND PERCENT OF WOMEN OF CHILDBEARING AGE BY AGE GROUP, CALIFORNIA AND UNITED STATES, 1997-1999

AGE GROUP	CALIFORNIA		UNITED STATES	
	Number	Percent <sup>1</sup>	Number	Percent <sup>1</sup>
1999				
Total, 15-44	7,346,005	100.0	60,107,320	100.0
15-19	1,126,218	15.3	9,596,926	16.0
20-24	1,033,701	14.1	8,842,537	14.7
25-29	1,123,840	15.3	9,153,808	15.2
30-34	1,270,694	17.3	9,955,716	16.6
35-39	1,425,146	19.4	11,328,875	18.8
40-44	1,366,406	18.6	11,229,458	18.7
Median Age	31.5		31.2	
1998				
Total, 15-44	7,316,384	100.0	60,086,387	100.0
15-19	1,084,825	14.8	9,495,304	15.8
20-24	1,012,946	13.8	8,680,910	14.4
25-29	1,147,923	15.7	9,333,616	15.5
30-34	1,302,826	17.8	10,168,918	16.9
35-39	1,425,515	19.5	11,363,296	18.9
40-44	1,342,349	18.3	11,044,343	18.4
Median Age	31.6		31.2	
1997				
Total, 15-44	7,264,854	100.0	60,958,599	100.0
15-19	1,055,075	14.5	9,301,845	15.3
20-24	1,000,995	13.8	8,591,153	14.1
25-29	1,160,999	16.0	9,445,859	15.5
30-34	1,333,924	18.4	10,446,529	17.1
35-39	1,411,168	19.4	11,372,826	18.7
40-44	1,302,693	17.9	11,800,387	19.4
Median Age	31.6		31.5	

<sup>1</sup> Percents are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998. U.S. Census Bureau, Population Division: Population Estimates for the U.S., July 1, 1990 to July 1, 1999 (ST-99-8), March 9, 2000.

TABLE 1-12. NUMBER OF WOMEN OF CHILDBEARING AGE BY RACE/ETHNICITY AND AGE, CALIFORNIA, 1995-1999 (By Place of Residence)

YEAR	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL 15-44
TOTAL									
1999	1,209,875	1,126,218	1,033,701	1,123,840	1,270,694	1,425,146	1,366,406	1,172,206	7,346,005
1998	1,173,580	1,084,825	1,012,946	1,147,923	1,302,826	1,425,515	1,342,349	1,144,053	7,316,384
1997	1,145,956	1,055,075	1,000,995	1,160,999	1,333,924	1,411,168	1,302,693	1,113,794	7,264,854
1996	1,114,798	1,023,945	995,081	1,179,399	1,349,531	1,405,722	1,254,732	1,101,771	7,208,410
<b>1995</b>	<b>1,099,978</b>	<b>991,180</b>	<b>1,034,258</b>	<b>1,199,186</b>	<b>1,391,656</b>	<b>1,384,990</b>	<b>1,223,902</b>	<b>1,041,997</b>	<b>7,225,172</b>
AMERICAN INDIAN									
1999	7,030	7,330	6,989	7,284	7,503	8,983	8,959	8,177	47,048
1998	6,781	7,194	6,868	7,211	7,568	9,035	8,718	7,995	46,594
1997	6,820	7,208	6,812	7,206	7,949	9,014	8,649	7,880	46,838
1996	6,923	7,176	6,785	7,302	8,280	9,022	8,422	8,023	46,987
<b>1995</b>	<b>7,161</b>	<b>7,006</b>	<b>7,067</b>	<b>7,327</b>	<b>8,664</b>	<b>8,969</b>	<b>8,320</b>	<b>7,652</b>	<b>47,353</b>
ASIAN/ PACIFIC ISLANDER									
1999	138,781	138,259	132,171	146,352	152,653	168,384	167,199	147,914	905,018
1998	135,152	131,609	129,735	144,025	151,151	166,996	162,259	143,240	885,775
1997	131,374	125,664	127,047	138,537	149,994	163,471	156,748	135,900	861,461
1996	127,785	120,382	124,731	134,107	148,202	161,657	149,294	130,722	838,373
<b>1995</b>	<b>124,662</b>	<b>114,838</b>	<b>125,018</b>	<b>130,622</b>	<b>150,177</b>	<b>158,301</b>	<b>144,093</b>	<b>119,243</b>	<b>823,049</b>
BLACK									
1999	95,298	85,581	80,522	81,564	90,602	102,144	96,969	81,985	537,382
1998	93,958	86,439	81,136	87,432	97,577	105,488	95,836	81,421	553,908
1997	90,098	84,984	79,683	88,093	99,622	103,948	92,729	78,356	549,059
1996	87,309	83,969	79,202	90,634	101,078	103,187	88,608	75,546	546,678
<b>1995</b>	<b>86,142</b>	<b>81,580</b>	<b>81,117</b>	<b>91,883</b>	<b>104,458</b>	<b>100,890</b>	<b>86,358</b>	<b>69,611</b>	<b>546,286</b>
HISPANIC									
1999	444,524	395,538	356,420	382,534	415,544	399,254	339,605	259,210	2,288,895
1998	421,487	377,689	345,066	387,268	411,317	383,630	322,645	242,995	2,227,615
1997	407,562	362,965	342,075	389,200	409,516	370,820	306,079	228,753	2,180,655
1996	394,547	350,323	336,833	394,497	400,997	363,099	288,566	219,195	2,134,315
<b>1995</b>	<b>387,147</b>	<b>339,860</b>	<b>349,949</b>	<b>398,644</b>	<b>399,704</b>	<b>348,609</b>	<b>273,545</b>	<b>202,147</b>	<b>2,110,311</b>
WHITE/OTHER RACES									
1999	524,242	499,510	457,599	506,106	604,392	746,381	753,674	674,920	3,567,662
1998	516,202	481,894	450,141	521,987	635,213	760,366	752,891	668,402	3,602,492
1997	510,102	474,254	445,378	537,963	666,843	763,915	738,488	662,905	3,626,841
1996	498,234	462,095	447,530	552,859	690,974	768,757	719,842	668,285	3,642,057
<b>1995</b>	<b>494,866</b>	<b>447,896</b>	<b>471,107</b>	<b>570,710</b>	<b>728,653</b>	<b>768,221</b>	<b>711,586</b>	<b>643,344</b>	<b>3,698,173</b>

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1995-1996 Population: 1970-1996 Race/Ethnic Population Estimates by County with Age and Sex Detail, January 1997 Population Estimates with Age, Sex, and Race/Ethnic Detail, June 1999; 1998 Population Estimates with Age, Sex, and Race/Ethnic Detail, May 2000; Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-13. POPULATION BY RACE/ETHNICITY, AGE, AND SEX, CALIFORNIA, 1999

AGE IN YEARS	ALL RACE/ETHNICITIES			AMERICAN INDIAN			ASIAN/PACIFIC ISLANDER		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Under 1	553,480	283,033	270,447	2,708	1,387	1,321	63,024	32,249	30,775
1-4	2,218,731	1,134,840	1,083,891	10,870	5,464	5,406	249,860	128,310	121,550
5-14	5,438,254	2,785,041	2,653,213	27,941	14,271	13,670	609,625	313,269	296,356
15-24	4,490,994	2,331,075	2,159,919	29,649	15,330	14,319	554,416	283,986	270,430
25-34	5,088,372	2,693,838	2,394,534	30,382	15,595	14,787	605,246	306,241	299,005
35-44	5,703,159	2,911,607	2,791,552	34,599	16,657	17,942	650,641	315,058	335,583
45-54	4,284,494	2,127,558	2,156,936	29,140	13,647	15,493	499,762	236,631	263,131
55-64	2,647,776	1,289,251	1,358,525	18,557	8,870	9,687	281,747	133,904	147,843
65-74	1,945,679	889,827	1,055,852	10,787	4,983	5,804	198,623	86,803	111,820
75-84	1,272,523	519,523	753,000	5,866	2,384	3,482	110,471	47,953	62,518
85+	429,016	134,219	294,797	2,322	796	1,526	32,873	14,482	18,391
TOTAL	34,072,478	17,099,812	16,972,666	202,821	99,384	103,437	3,856,288	1,898,886	1,957,402

AGE IN YEARS	BLACK			HISPANIC			WHITE/OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Under 1	37,436	19,147	18,289	263,940	134,897	129,043	186,372	95,353	91,019
1-4	150,150	76,493	73,657	1,043,348	532,534	510,814	764,503	392,039	372,464
5-14	412,399	208,881	203,518	2,187,045	1,117,326	1,069,719	2,201,244	1,131,294	1,069,950
15-24	352,398	186,295	166,103	1,555,795	803,837	751,958	1,998,736	1,041,627	957,109
25-34	361,723	189,557	172,166	1,812,547	1,014,469	798,078	2,278,474	1,167,976	1,110,498
35-44	387,780	188,667	199,113	1,581,171	842,312	738,859	3,048,968	1,548,913	1,500,055
45-54	274,298	129,075	145,223	912,180	462,923	449,257	2,569,114	1,285,282	1,283,832
55-64	164,532	76,514	88,018	481,158	233,374	247,784	1,701,782	836,589	865,193
65-74	103,767	44,942	58,825	309,686	140,820	168,866	1,322,816	612,279	710,537
75-84	58,756	22,082	36,674	152,091	62,846	89,245	945,339	384,258	561,081
85+	17,677	5,158	12,519	53,802	18,170	35,632	322,342	95,613	226,729
TOTAL	2,320,916	1,146,811	1,174,105	10,352,763	5,363,508	4,989,255	17,339,690	8,591,223	8,748,467

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category. White includes other races.

Source: State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-14. POPULATION BY AGE AND SEX, CALIFORNIA, 1990-1999

TOTAL POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	547,305	609,415	612,811	582,503	573,336	552,649	540,625	526,869	522,053	553,480
1-4	1,944,963	2,029,037	2,173,164	2,281,146	2,340,237	2,356,048	2,298,325	2,247,883	2,211,391	2,218,731
5-14	4,205,924	4,339,571	4,460,630	4,556,999	4,654,241	4,760,414	4,914,945	5,126,482	5,285,021	5,438,254
15-24	4,644,966	4,551,721	4,497,128	4,407,264	4,314,391	4,247,442	4,217,867	4,287,123	4,356,395	4,490,994
25-34	5,714,423	5,734,779	5,740,799	5,658,729	5,569,897	5,472,130	5,357,377	5,295,965	5,209,040	5,088,372
35-44	4,630,685	4,841,131	4,966,673	5,074,808	5,179,154	5,285,866	5,401,744	5,520,289	5,644,484	5,703,159
45-54	2,887,962	2,993,305	3,177,217	3,339,827	3,488,007	3,643,480	3,806,109	3,972,821	4,131,964	4,284,494
55-64	2,237,939	2,246,345	2,261,325	2,268,288	2,288,474	2,315,263	2,359,866	2,432,927	2,542,100	2,647,776
65-74	1,857,110	1,901,985	1,936,963	1,949,077	1,949,559	1,953,708	1,954,134	1,949,636	1,948,867	1,945,679
75-84	977,737	1,010,085	1,040,341	1,066,524	1,092,670	1,122,133	1,161,701	1,205,134	1,236,533	1,272,523
85+	293,383	305,902	319,508	330,588	340,591	353,779	371,118	391,566	406,520	429,016
TOTAL	29,942,397	30,563,276	31,186,559	31,515,753	31,790,557	32,062,912	32,383,811	32,956,695	33,494,368	34,072,478
MALE POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	280,064	311,734	313,683	298,309	293,367	282,371	276,538	269,593	266,400	283,033
1-4	995,866	1,038,584	1,112,073	1,167,037	1,197,222	1,205,502	1,175,708	1,150,084	1,131,226	1,134,840
5-14	2,154,791	2,222,443	2,283,622	2,333,340	2,382,992	2,436,320	2,514,194	2,623,174	2,705,072	2,785,041
15-24	2,474,482	2,416,889	2,380,353	2,324,262	2,265,036	2,222,004	2,198,841	2,231,053	2,258,624	2,331,075
25-34	2,962,319	2,979,230	2,990,551	2,956,504	2,921,167	2,881,288	2,828,447	2,801,042	2,758,291	2,693,838
35-44	2,331,666	2,439,155	2,504,098	2,561,897	2,618,204	2,676,974	2,741,290	2,806,428	2,876,620	2,911,607
45-54	1,431,740	1,485,669	1,577,359	1,657,248	1,729,680	1,806,538	1,887,994	1,971,051	2,050,872	2,127,558
55-64	1,066,255	1,076,478	1,088,515	1,095,750	1,108,322	1,123,352	1,146,990	1,183,049	1,236,601	1,289,251
65-74	826,616	846,086	862,045	868,262	870,059	875,138	879,924	882,049	885,274	889,827
75-84	380,555	395,320	409,526	421,715	433,823	447,186	465,740	486,886	501,517	519,523
85+	85,162	89,595	94,551	97,842	101,137	105,879	112,258	120,167	125,570	134,219
TOTAL	14,989,516	15,301,183	15,616,376	15,782,166	15,921,009	16,062,552	16,227,924	16,524,576	16,796,067	17,099,812
FEMALE POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	267,241	297,681	299,128	284,194	279,969	270,278	264,087	257,276	255,653	270,447
1-4	949,097	990,453	1,061,091	1,114,109	1,143,015	1,150,546	1,122,617	1,097,799	1,080,165	1,083,891
5-14	2,051,133	2,117,128	2,177,008	2,223,659	2,271,249	2,324,094	2,400,751	2,503,308	2,579,949	2,653,213
15-24	2,170,484	2,134,832	2,116,775	2,083,002	2,049,355	2,025,438	2,019,026	2,056,070	2,097,771	2,159,919
25-34	2,752,104	2,755,549	2,750,248	2,702,225	2,648,730	2,590,842	2,528,930	2,494,923	2,450,749	2,394,534
35-44	2,299,019	2,401,976	2,462,575	2,512,911	2,560,950	2,608,892	2,660,454	2,713,861	2,767,864	2,791,552
45-54	1,456,222	1,507,636	1,599,858	1,682,579	1,758,327	1,836,942	1,918,115	2,001,770	2,081,092	2,156,936
55-64	1,171,684	1,169,867	1,172,810	1,172,538	1,180,152	1,191,911	1,212,876	1,249,878	1,305,499	1,358,525
65-74	1,030,494	1,055,899	1,074,918	1,080,815	1,079,500	1,078,570	1,074,210	1,067,587	1,063,593	1,055,852
75-84	597,182	614,765	630,815	644,809	658,847	674,947	695,961	718,248	735,016	753,000
85+	208,221	216,307	224,957	232,746	239,454	247,900	258,860	271,399	280,950	294,797
TOTAL	14,952,881	15,262,093	15,570,183	15,733,587	15,869,548	16,000,360	16,155,887	16,432,119	16,698,301	16,972,666

Source: State of California, Department of Finance, 1990-1996 Population: 1970-1996 Population Estimates with Age, Sex, and Race/Ethnic Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-15. TOTAL POPULATION AND POPULATION DENSITY \*, CALIFORNIA COUNTIES, July 1, 1990, 1998 and 1999 (By Place of Residence)

COUNTY	1990 ESTIMATED POPULATION		1998 ESTIMATED POPULATION		1999 ESTIMATED POPULATION		PERCENT CHANGE IN DENSITY 1990-1999	PERCENT CHANGE IN DENSITY 1998-1999
	Number	Density	Number	Density	Number	Density		
CALIFORNIA	29,944,000	191.2	33,494,000	214.7	34,036,000	218.2	14.1	1.6
Alameda	1,284,800	1,752.8	1,428,300	1,936.7	1,448,700	1,964.3	12.1	1.4
Alpine	1,100	1.5	1,180	1.6	1,170	1.6	4.1	-0.8
Amador	30,300	51.1	33,100	55.9	33,650	56.8	11.1	1.7
Butte	183,100	110.1	199,700	121.8	200,600	122.3	11.1	0.5
Calaveras	32,350	31.5	38,250	37.5	38,350	37.6	19.3	0.3
Colusa	16,400	14.2	18,650	16.2	18,750	16.3	14.5	0.5
Contra Costa	807,600	1,100.3	916,900	1,272.9	932,000	1,293.9	17.6	1.6
Del Norte	24,150	24.1	27,800	27.6	27,450	27.2	13.1	-1.3
El Dorado	127,500	74.4	150,200	87.8	152,400	89.0	19.7	1.5
Fresno	673,700	113.0	785,100	131.7	794,200	133.2	17.9	1.2
Glenn	24,900	18.9	26,850	20.4	26,900	20.5	8.2	0.2
Humboldt	119,600	33.5	125,800	35.2	126,100	35.3	5.4	0.2
Imperial	110,800	25.9	143,400	34.3	145,600	34.9	34.8	1.5
Inyo	18,250	1.8	18,300	1.8	18,050	1.8	-2.1	-1.4
Kern	549,600	67.4	640,100	78.6	651,700	80.0	18.7	1.8
Kings	102,300	73.3	124,200	89.4	127,300	91.6	24.9	2.5
Lake	51,000	40.6	55,100	43.8	55,400	44.0	8.4	0.5
Lassen	27,700	6.1	33,450	7.3	33,350	7.3	20.1	-0.3
Los Angeles	8,902,000	2,192.6	9,639,800	2,374.3	9,790,000	2,411.3	10.0	1.6
Madera	89,400	41.7	114,700	53.6	116,600	54.5	30.8	1.7
Marin	230,200	442.7	245,000	471.3	246,700	474.6	7.2	0.7
Mariposa	14,550	10.0	16,050	11.1	15,900	11.0	9.6	-0.9
Mendocino	81,000	23.1	86,200	24.6	86,500	24.6	6.7	0.3
Merced	180,200	90.9	204,400	106.0	207,000	107.3	18.0	1.3
Modoc	9,725	2.4	9,825	2.5	9,575	2.4	2.1	-2.5
Mono	10,050	3.3	10,600	3.5	10,800	3.5	6.9	1.9
Monterey	357,400	107.5	384,100	115.6	390,900	117.7	9.4	1.8
Napa	111,300	146.8	122,600	162.6	124,200	164.7	12.2	1.3
Nevada	79,100	80.9	90,100	94.1	90,500	94.5	16.8	0.4
Orange	2,417,600	3,091.6	2,763,900	3,499.9	2,813,700	3,563.0	15.2	1.8
Placer	175,000	122.9	223,100	158.9	232,000	165.2	34.4	4.0
Plumas	19,750	7.7	20,400	8.0	20,200	7.9	2.9	-1.0
Riverside	1,194,600	166.4	1,458,500	202.3	1,504,100	208.7	25.4	3.1
Sacramento	1,049,000	1,067.1	1,176,200	1,218.0	1,202,100	1,244.8	16.6	2.2
San Benito	37,000	26.5	47,800	34.4	49,700	35.8	35.0	4.0
San Bernardino	1,436,700	71.4	1,645,800	82.0	1,674,700	83.5	17.0	1.8
San Diego	2,511,400	590.2	2,828,300	672.7	2,883,500	685.8	16.2	2.0
San Francisco	727,900	16,175.6	789,500	16,905.8	797,200	17,070.7	5.5	1.0
San Joaquin	483,800	343.4	551,500	394.1	562,600	402.0	17.1	2.0
San Luis Obispo	218,000	65.7	238,100	72.1	240,500	72.8	10.7	1.0
San Mateo	651,400	1,434.8	721,400	1,606.3	727,300	1,619.5	12.9	0.8
Santa Barbara	370,900	135.5	405,000	147.9	408,600	149.2	10.1	0.9
Santa Clara	1,504,400	1,155.5	1,701,400	1,317.7	1,717,600	1,330.2	15.1	1.0
Santa Cruz	230,400	524.8	250,800	562.6	253,400	568.4	8.3	1.0
Shasta	148,600	39.1	164,800	43.5	165,000	43.6	11.4	0.1
Sierra	3,320	3.5	3,310	3.5	3,180	3.3	-3.8	-3.9
Siskiyou	43,550	6.9	44,100	7.0	43,750	7.0	0.9	-0.8
Solano	344,100	416.1	385,500	465.5	394,300	476.1	14.4	2.3
Sonoma	390,300	247.2	440,500	279.5	447,300	283.8	14.8	1.5
Stanislaus	375,200	250.1	431,100	288.4	439,800	294.3	17.6	2.0
Sutter	65,000	107.1	76,700	127.3	77,700	128.9	20.4	1.3
Tehama	49,900	16.8	55,200	18.7	55,300	18.7	11.8	0.2
Trinity	13,000	4.1	13,200	4.2	13,050	4.1	0.8	-1.1
Tulare	314,000	64.9	361,400	74.9	365,400	75.7	16.7	1.1
Tuolumne	48,650	21.4	52,700	23.6	52,800	23.6	10.4	0.2
Ventura	670,200	362.1	738,200	399.9	751,600	407.2	12.4	1.8
Yolo	141,500	136.8	156,000	154.1	158,900	157.0	14.7	1.9
Yuba	58,800	92.3	60,300	95.6	60,000	95.2	3.1	-0.5

\* Density is population per land area (155,973 square miles in 1999).

Note: Estimates are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1990-1999 Estimates of Total Population of California Counties, Report E-2, February 2000; California Statistical Abstract, 1999, December 1999.

TABLE 1-16. INTERCENSAL ESTIMATES OF TOTAL POPULATION, CALIFORNIA COUNTIES, 1991-1997

COUNTY	JULY 1, 1991	JULY 1, 1992	JULY 1, 1993	JULY 1, 1994	JULY 1, 1995	JULY 1, 1996	JULY 1, 1997
CALIFORNIA	30,565,000	31,188,000	31,517,000	31,790,000	32,063,000	32,383,000	32,957,000
Alameda	1,301,100	1,322,600	1,334,200	1,342,000	1,347,700	1,365,000	1,398,500
Alpine	1,120	1,140	1,130	1,120	1,170	1,190	1,200
Amador	31,250	31,750	32,300	32,450	32,600	32,950	33,450
Butte	186,200	189,700	191,400	193,400	196,100	196,500	198,500
Calaveras	33,750	35,100	35,750	36,350	36,950	36,900	37,950
Colusa	16,750	17,050	17,350	17,600	17,850	18,250	18,600
Contra Costa	821,500	838,700	851,400	860,200	867,300	877,900	896,200
Del Norte	26,150	26,850	27,250	27,600	27,600	27,500	28,400
El Dorado	132,100	136,300	140,000	141,800	144,200	144,700	147,400
Fresno	696,400	717,200	730,300	739,800	754,100	769,700	778,700
Glenn	25,400	25,900	26,050	26,100	26,600	26,700	26,900
Humboldt	121,000	123,000	124,100	124,000	124,500	125,100	126,100
Imperial	115,900	122,500	130,700	133,600	137,400	141,200	142,700
Inyo	18,300	18,350	18,400	18,500	18,450	18,250	18,300
Kern	569,600	589,500	598,500	609,600	616,700	624,100	634,400
Kings	105,500	108,600	111,000	112,800	114,900	115,700	117,700
Lake	52,500	53,700	54,300	54,700	55,100	54,900	55,100
Lassen	27,950	28,350	28,600	28,450	28,650	32,650	33,850
Los Angeles	9,049,700	9,200,100	9,244,700	9,312,200	9,352,200	9,396,400	9,524,600
Madera	94,100	98,300	102,600	104,900	106,400	110,300	113,500
Marin	232,900	235,900	236,900	237,700	238,900	239,500	243,300
Mariposa	14,900	15,400	15,700	15,850	15,900	15,950	15,950
Mendocino	82,100	82,800	83,400	83,800	84,300	84,800	86,000
Merced	186,200	190,300	194,100	197,600	198,500	198,400	202,000
Modoc	9,800	9,975	10,000	10,100	10,050	10,000	10,150
Mono	9,975	10,100	10,450	10,650	10,550	10,500	10,500
Monterey	364,100	371,000	371,100	361,300	361,800	360,200	377,800
Napa	112,600	114,800	116,100	116,800	117,800	119,000	121,200
Nevada	81,500	83,100	84,400	85,400	86,600	87,100	88,400
Orange	2,462,700	2,519,400	2,554,700	2,582,200	2,614,800	2,649,800	2,705,300
Placer	181,300	187,300	192,100	195,900	203,500	209,200	215,600
Plumas	19,950	20,550	20,650	20,550	20,500	20,250	20,450
Riverside	1,248,500	1,291,800	1,321,100	1,342,200	1,370,300	1,393,300	1,423,700
Sacramento	1,076,600	1,095,700	1,108,100	1,113,600	1,117,700	1,132,100	1,146,800
San Benito	37,550	38,850	40,050	40,950	42,650	44,000	46,150
San Bernardino	1,488,700	1,531,800	1,552,200	1,565,400	1,581,600	1,592,600	1,617,300
San Diego	2,560,800	2,611,500	2,625,100	2,650,700	2,669,200	2,694,900	2,763,400
San Francisco	732,300	740,500	750,800	753,100	751,500	768,200	777,400
San Joaquin	495,400	505,500	510,400	515,600	524,600	533,200	542,200
San Luis Obispo	219,700	222,200	224,500	226,300	228,400	230,700	234,700
San Mateo	659,400	670,400	676,100	681,700	689,700	698,000	711,700
Santa Barbara	377,000	382,500	382,900	386,700	391,400	393,700	400,800
Santa Clara	1,522,600	1,549,900	1,574,700	1,588,000	1,603,300	1,638,300	1,671,400
Santa Cruz	232,200	235,500	236,700	238,800	241,500	243,600	247,200
Shasta	153,500	157,000	158,600	159,800	160,900	161,700	163,300
Sierra	3,300	3,300	3,350	3,350	3,390	3,370	3,370
Siskiyou	43,750	44,000	44,400	44,650	44,650	44,000	44,300
Solano	355,700	362,900	368,200	370,300	370,500	372,400	378,600
Sonoma	397,200	405,300	411,300	414,500	419,500	424,500	432,800
Stanislaus	387,700	397,200	404,900	409,200	413,800	418,500	425,400
Sutter	67,300	69,300	71,100	72,400	73,800	74,600	76,100
Tehama	51,300	52,500	52,900	53,400	54,200	54,400	54,700
Trinity	13,050	13,200	13,250	13,450	13,400	13,350	13,250
Tulare	324,000	332,500	338,200	343,300	349,800	353,600	358,300
Tuolumne	49,950	50,700	51,700	51,900	51,500	51,600	52,200
Ventura	678,600	690,100	697,900	706,200	712,700	714,800	727,200
Yolo	144,400	146,700	147,000	148,100	150,800	152,500	154,900
Yuba	60,000	61,300	61,600	62,000	62,300	60,500	61,200

Note: Estimates are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1990-1999 Estimates of Total Population of California Counties, Report E-2, February 2000.

TABLE 1-17. LIFE EXPECTANCY AT BIRTH AND AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT AGE 65 BY SELECTED YEARS AND SEX, CALIFORNIA, 1919-1920, 1929-1931, 1939-1941, 1950, 1960, 1970, 1980, 1990-1999

YEAR	AT BIRTH		AT 65 YEARS	
	MALE	FEMALE	MALE	FEMALE
1999	76.3	81.0	17.3	20.1
1998	75.8	80.9	17.1	20.1
1997	75.5	80.7	16.9	20.0
1996	74.9	80.5	16.8	20.0
1995	74.1	80.4	16.7	19.9
1994	73.7	80.1	16.5	19.8
1993	73.5	80.1	16.5	19.8
1992	73.6	80.2	16.5	19.9
1991	73.2	79.9	16.2	19.7
<b>1990</b>	<b>72.8</b>	<b>79.5</b>	<b>16.0</b>	<b>19.4</b>
<b>1980</b>	<b>71.0</b>	<b>78.1</b>	<b>14.7</b>	<b>18.8</b>
<b>1970</b>	<b>68.4</b>	<b>75.7</b>	<b>13.7</b>	<b>17.8</b>
<b>1960</b>	<b>67.4</b>	<b>74.4</b>	<b>13.1</b>	<b>16.5</b>
<b>1950</b>	<b>65.9</b>	<b>73.0</b>	<b>13.0</b>	<b>16.1</b>
<b>1939-1941</b>	<b>61.9</b>	<b>68.3</b>	<b>12.0</b>	<b>14.5</b>
<b>1929-1931</b>	<b>58.6</b>	<b>63.7</b>	<b>12.0</b>	<b>14.0</b>
<b>1919-1920</b>	<b>54.5</b>	<b>58.4</b>	<b>12.4</b>	<b>13.5</b>

Source: Dublin, Lotka, Spiegelmen, Length of Life, Table 77 Interpolated for 45-65 Years.

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